



F.I.R.S.T.[®]

Farmer's Independent Research
of Seed Technologies

Iowa F.I.R.S.T.
P.O. Box 271
Ida Grove, IA 51445

(712) 364-4488
iowafirst@frontiernet.net

2007 BETTER HYBRIDS Harvest Report for Iowa West Central [IAWC] Kenny Kline, Harrison County, [MISSOURI VALLEY]

EARLY-SEASON TEST 105-110 Day CRM

SOIL CONDITIONS: Luton silty clay, 1% slope, somewhat poorly-drained, no-till
6.5 pH, Very High P & K

B7IAWCA13

PREVIOUS CROP/HERB: Soybeans - Roundup

FERTILITY PROGRAM: 235-0-0-17 Fall Applied NH3

PEST MANAGEMENT: Resolve + Callisto + Atrazine (POST)
Force T-banded with planter at half-rate

PLANTED - SEEDING: May 18 - 33,800

TOP 30 HYBRIDS FOR YIELD OF 81 TESTED

HARVESTED - STAND: October 30 - 29,700

AVERAGE of (3) REPLICATIONS

| COMPANY | HYBRID | TECHNOLOGY | IST | YIELD Bu/A | MOIST % | LODGING % | STAND (x 1000) | GROSS INCOME |
|-----------------|--------------|--------------|------|---------------|------------|--------------|-------------------|-----------------|
| LG Seeds | LG2545VT3 | YGVT3 | P250 | 198.3 | 14.4 | 4.7 | 30.5 | \$599.7 |
| Producers | 6944VT3 | YGVT3 | P250 | 180.9 | 14.2 | 0.0 | 29.6 | \$548.5 |
| Trisler | T-5N51VT3 | YGVT3 | P250 | 180.6 | 14.2 | 2.7 | 28.7 | \$547.7 |
| NK Brand | N68-B8 | CB, LL | C250 | 180.3 | 14.8 | 0.0 | 31.4 | \$542.5 |
| Kruger | K-6210TS | YGPL, RR2 | C250 | 180.1 | 14.0 | 16.7 | 31.4 | \$547.6 |
| DeKalb | DKC60-18 | YGPL, RR2 | P250 | 178.8 | 14.5 | 0.0 | 31.4 | \$540.2 |
| Great Lakes | 5711BtRW | YGPL | P250 | 176.9 | 14.2 | 1.3 | 30.5 | \$536.6 |
| LG Seeds | LG2552BtRW | YGPL | P250 | 176.4 | 13.9 | 2.7 | 30.5 | \$536.9 |
| LG Seeds | LG2540VT3 | YGVT3 | P250 | 176.1 | 13.9 | 1.3 | 31.4 | \$536.2 |
| Garst | 8514HX/LL | HX1, LL | C250 | 175.7 | 14.3 | 12.3 | 32.2 | \$532.0 |
| DeKalb | DKC58-16 | YGVT3 | P250 | 174.9 | 13.8 | 0.3 | 28.7 | \$533.3 |
| 4 Star Seed | EX9762RRYGPL | YGPL, RR2 | P250 | 173.5 | 14.8 | 0.0 | 29.6 | \$521.6 |
| Fielders Choice | NG6719 | YGCB, RR2 | P250 | 173.3 | 14.0 | 0.0 | 27.9 | \$526.7 |
| FS Seeds | FS60JV3 | YGVT3 | P250 | 172.6 | 14.4 | 0.0 | 32.2 | \$521.8 |
| Producers | 7073YGCBRR | YGCB, RR2 | P250 | 171.0 | 14.1 | 1.3 | 30.5 | \$518.9 |
| AgriGold | A6464VT3 | YGVT3 | P250 | 170.9 | 14.9 | 0.0 | 27.9 | \$513.7 |
| Midwest Seed | 76864VTRR2 | YGVT2 | P250 | 170.8 | 13.9 | 0.0 | 31.4 | \$520.2 |
| Stine | 9525RRYGCB | YGCB, RR2 | P250 | 170.7 | 14.8 | 1.3 | 27.9 | \$513.5 |
| Crows | 3848VT3 | YGVT3 | C250 | 170.2 | 14.4 | 4.3 | 31.4 | \$514.8 |
| Wyffels | W5286 | YGRW, RR2 | P250 | 169.9 | 13.7 | 0.0 | 29.6 | \$518.5 |
| Heartland | EXP733R | RR2 | P250 | 168.7 | 14.0 | 1.3 | 31.4 | \$512.7 |
| AgriGold | A6394VT3 | YGVT3 | P250 | 168.3 | 14.2 | 6.7 | 28.7 | \$510.2 |
| Legend | LR9707RRHX | HX1, LL, RR2 | P250 | 168.2 | 14.5 | 0.0 | 28.7 | \$508.2 |
| Garst | 8535YG1/IT | YGCB, CL | C250 | 167.9 | 14.6 | 0.0 | 27.9 | \$506.2 |
| Crows | 4686VTRR2 | YGVT2 | P250 | 167.6 | 14.1 | 0.0 | 32.2 | \$508.8 |
| Trisler | T-6A02RRCB | YGCB, RR2 | P250 | 167.3 | 14.0 | 0.3 | 31.4 | \$508.7 |
| Circle Seed | CS-8310HX | HX1, LL | C250 | 167.1 | 14.4 | 1.3 | 35.7 | \$505.1 |
| Great Lakes | 6162G3 | YGPL, RR2 | P250 | 167.1 | 14.3 | 0.3 | 33.1 | \$505.9 |
| Curry | 7795 | CB, LL | P250 | 167.0 | 14.3 | 0.0 | 29.6 | \$505.8 |
| Midwest Seed | 76126VT3 | YGVT3 | P250 | 166.9 | 14.0 | 12.0 | 31.4 | \$507.6 |
| DeKalb | DKC61-66 CK | YGPL, RR2 | P250 | 184.7 | 13.8 | 1.3 | 31.4 | \$562.9 |
| Test Average = | | | | 163.1 | 14.1 | 1.6 | 29.7 | \$494.9 |
| Isd(.10) = | | | | 14.3 | 0.3 | 5.9 | | |
| C.V. = | | | | 6.4 | 1.7 | | | |

Chris Clark

F.I.R.S.T. Manager

Yield & Income Factors: Base Moisture = 15.0% Shrink = 1.4 Drying = \$0.040 Price = \$3.00

RESISTANCE TECHNOLOGIES: **Corn Borer** - CB, HX1, HXTRA, HXX, YGCB, YGPL, YGVT3, **Corn Rootworm** - HXTRA, HXX, RW, YGPL, YGRW, YGVT2, YGVT3, **Clearfield** - CL **Glyphosate** - GT, RR2, YGVT2, YGVT3 **Liberty** - LL
IST: **C250, C1250** - Cruiser @ 0.250 and 1.250 g ai/seed. **P250 and P1250** - Poncho @ 0.250 and 1.250 g ai/seed.

→ identifies the check hybrid entered in both early- and full-season tests to assist in comparing the results.

* indicates seed tested from lots not commercially available at planting. Hybrids in italics exceeded the grain moisture limit for this test.

FIELD NOTES: *This plot was no-tilled because it was planted in tight gumbo-like ground that had been completely saturated before planting. It emerged well and the stands were very good. After the extremely wet April and May, the plot nearly burned up in June & July due to high heat. August rains somewhat re-started the crop so the yields are indicative of extreme growing conditions.*

A list of all the hybrids in this test is available at www.firstseedtests.com

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AVERAGE of (3) REPLICATIONS

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| DeKalb | DKC58-16 | YGVT3 | P250 | 174.9 | 13.8 | 0.3 | 28.7 | \$533.3 | |
| Garst | 8514HX/LL | HX1, LL | C250 | 175.7 | 14.3 | 12.3 | 32.2 | \$532.0 | |
| Fielders Choice | NG6719 | YGCB, RR2 | P250 | 173.3 | 14.0 | 0.0 | 27.9 | \$526.7 | |
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| Midwest Seed | 76126VT3 | YGVT3 | P250 | 166.9 | 14.0 | 12.0 | 31.4 | \$507.6 | |
| NC+ Hybrids | 4776VTRR2 | YGVT2 | P250 | 166.5 | 14.0 | 0.0 | 29.6 | \$506.3 | |
| Garst | 8535YG1/IT | YGCB, CL | C250 | 167.9 | 14.6 | 0.0 | 27.9 | \$506.2 | |
| Fontanelle | 7N230 | YGVT3 | P250 | 166.6 | 14.1 | 0.0 | 29.6 | \$505.9 | |
| Great Lakes | 6162G3 | YGPL, RR2 | P250 | 167.1 | 14.3 | 0.3 | 33.1 | \$505.9 | |
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